

Fig. 1

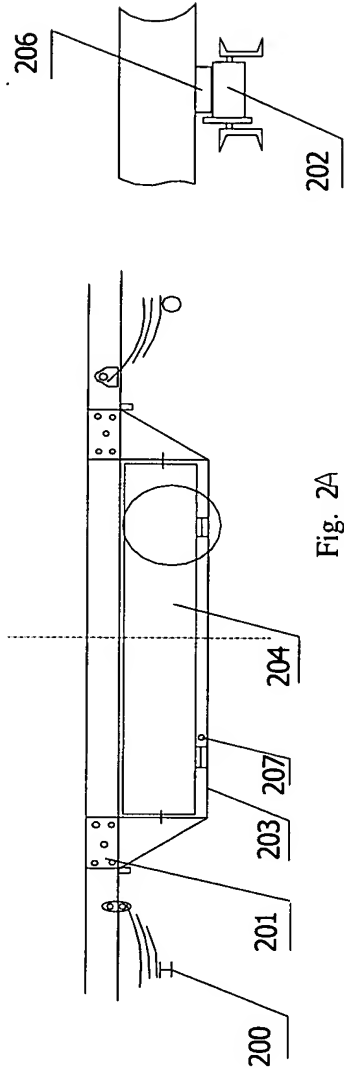


Fig. 2A

Fig. 2B

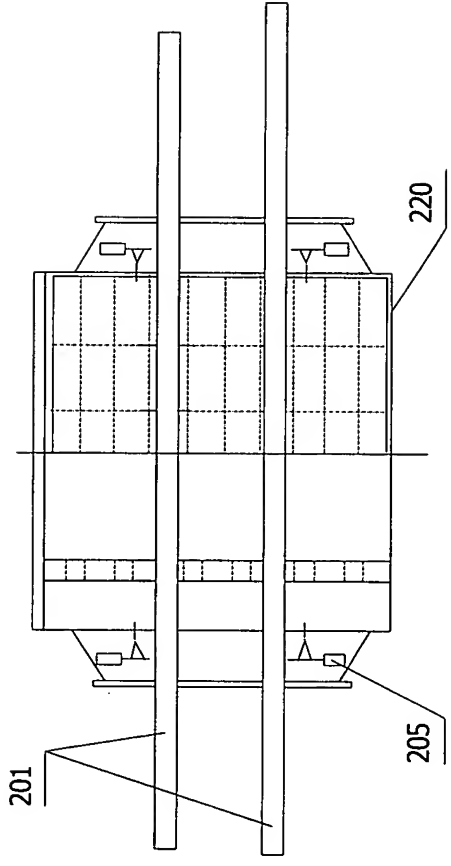


Fig. 2C

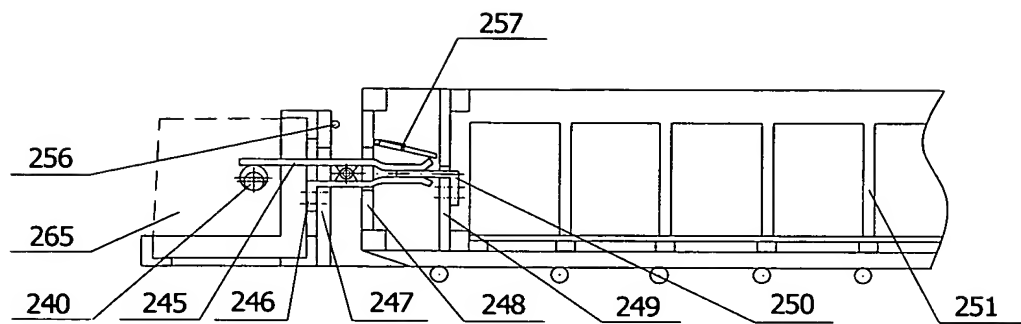


Fig. 3A

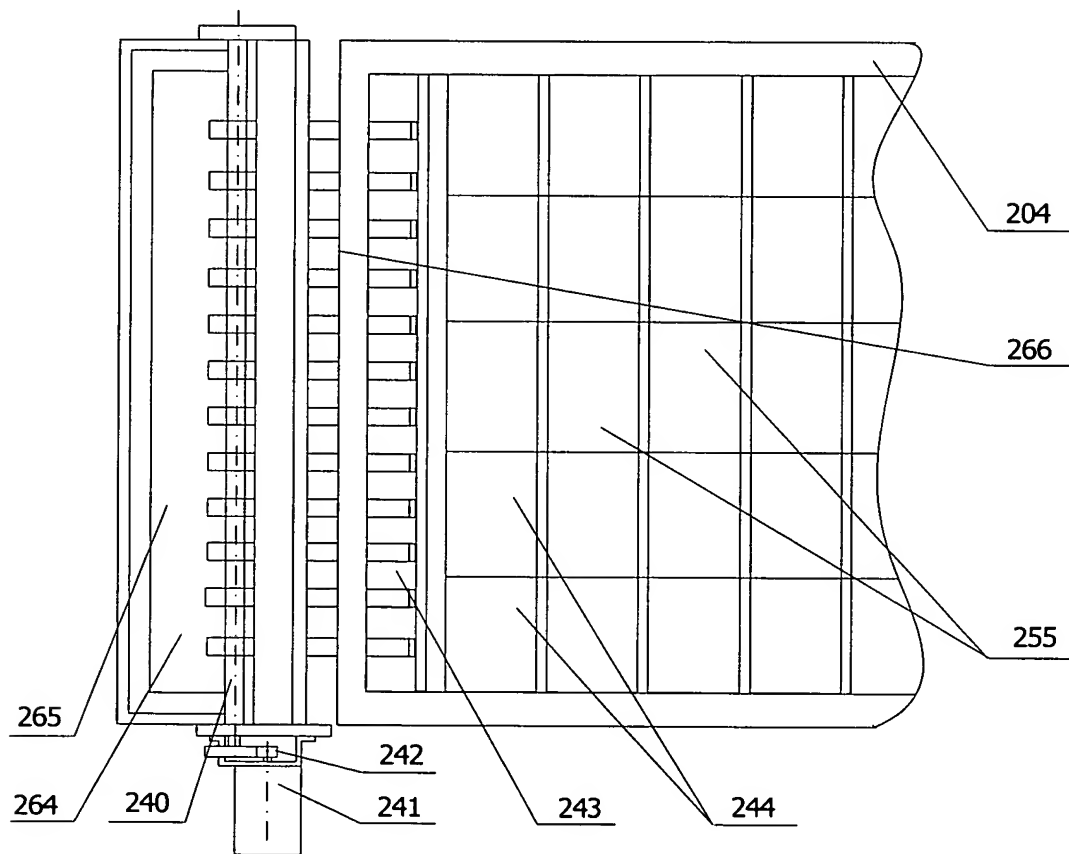


Fig. 3B

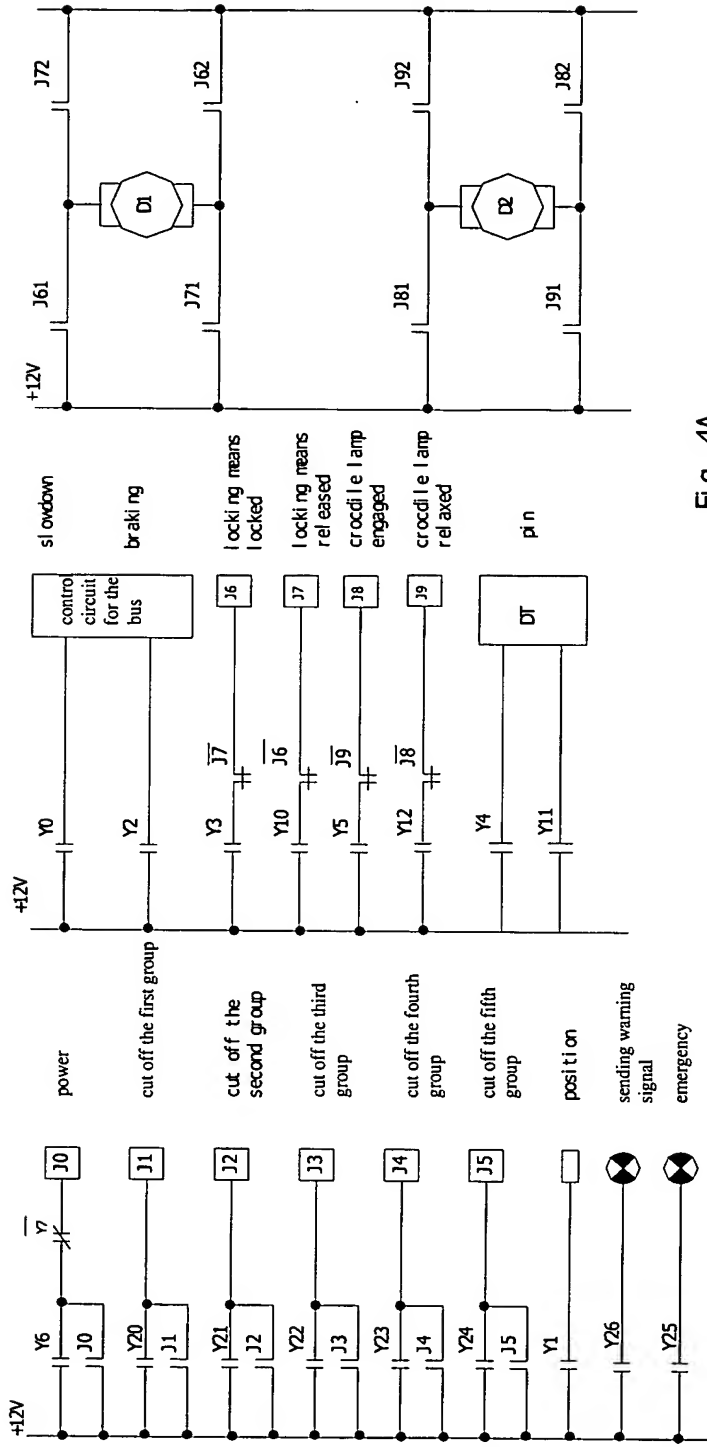


Fig. 4A

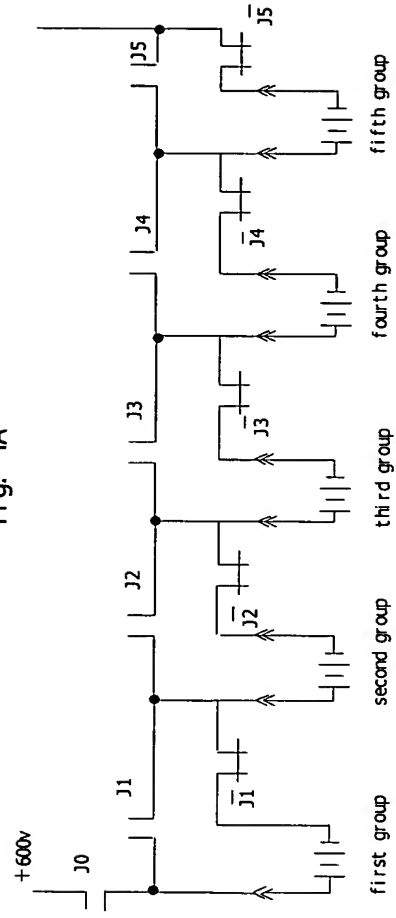


Fig. 4B

Fig. 4C

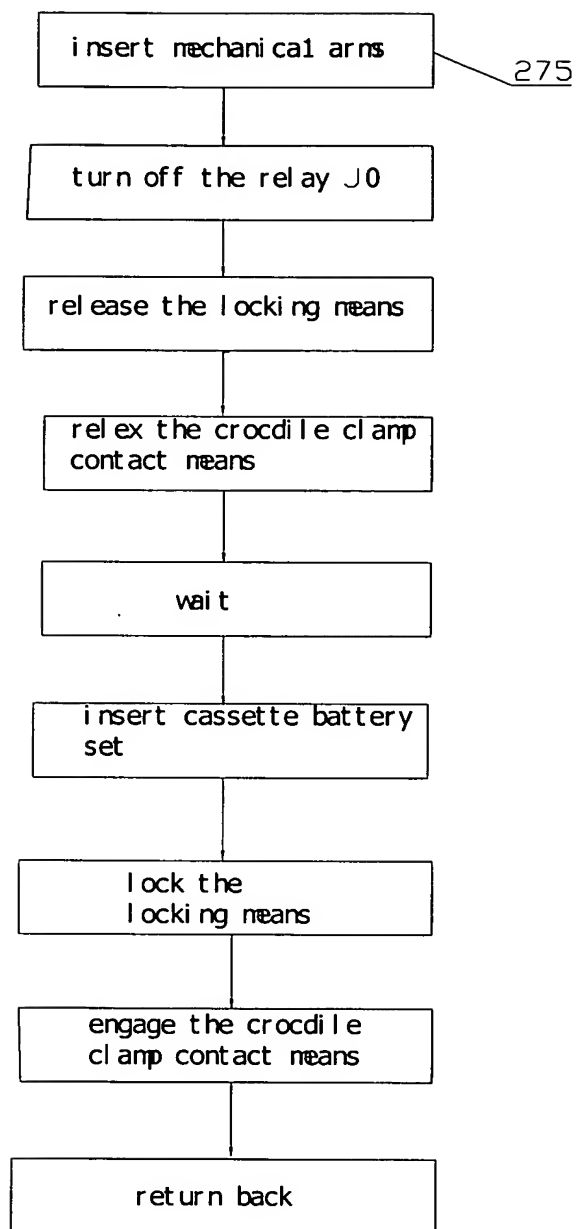


Fig. 5

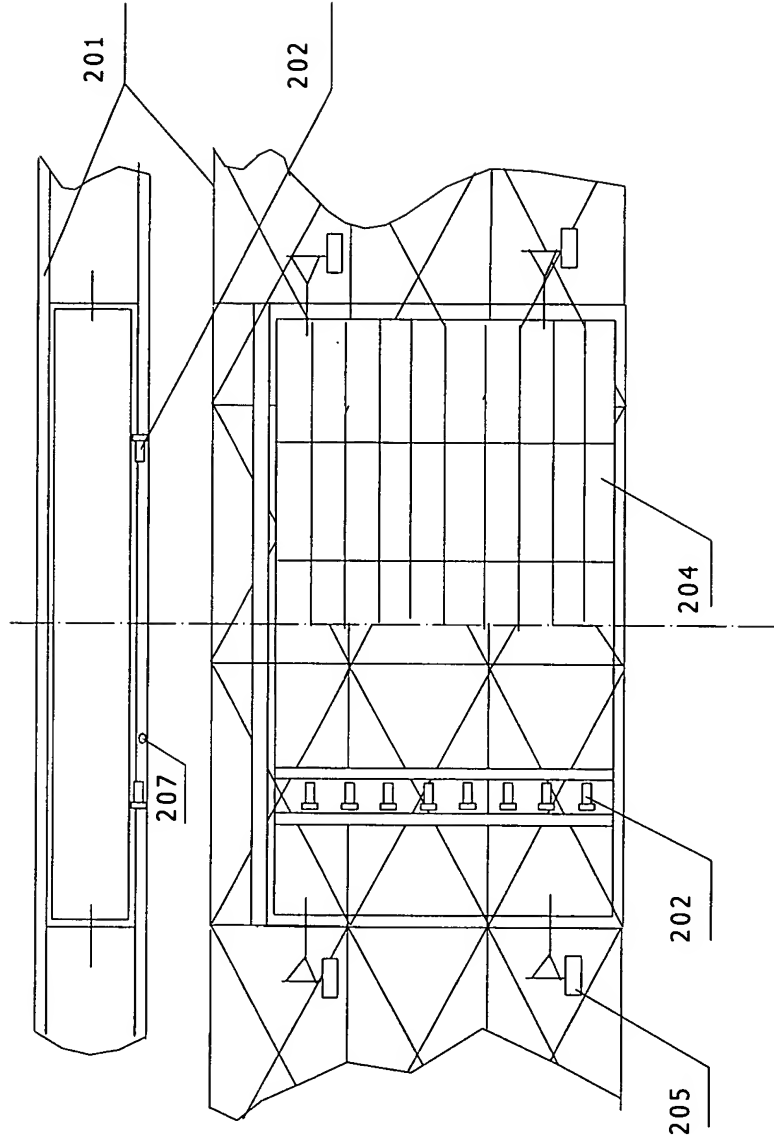


Fig. 6

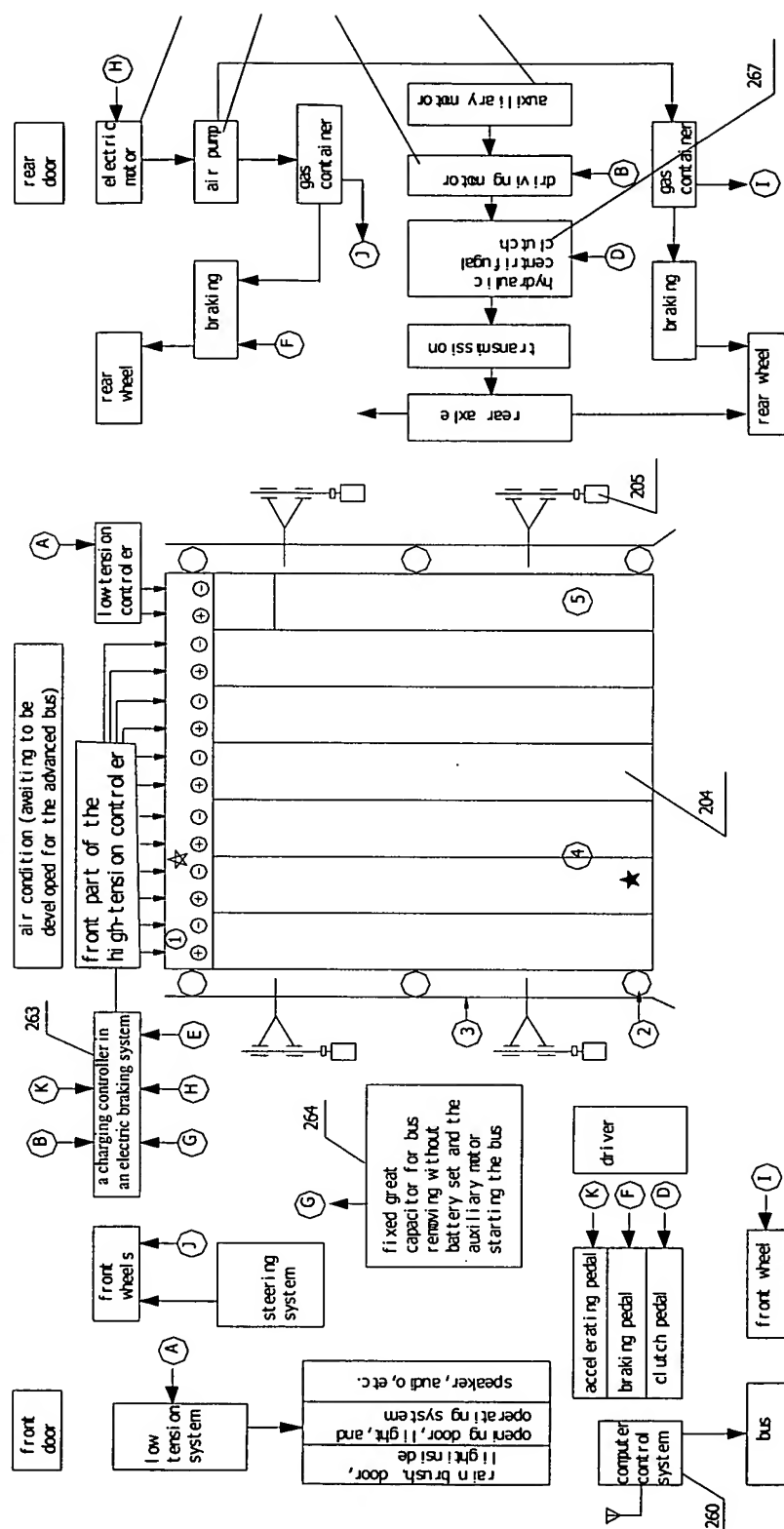


Fig. 7

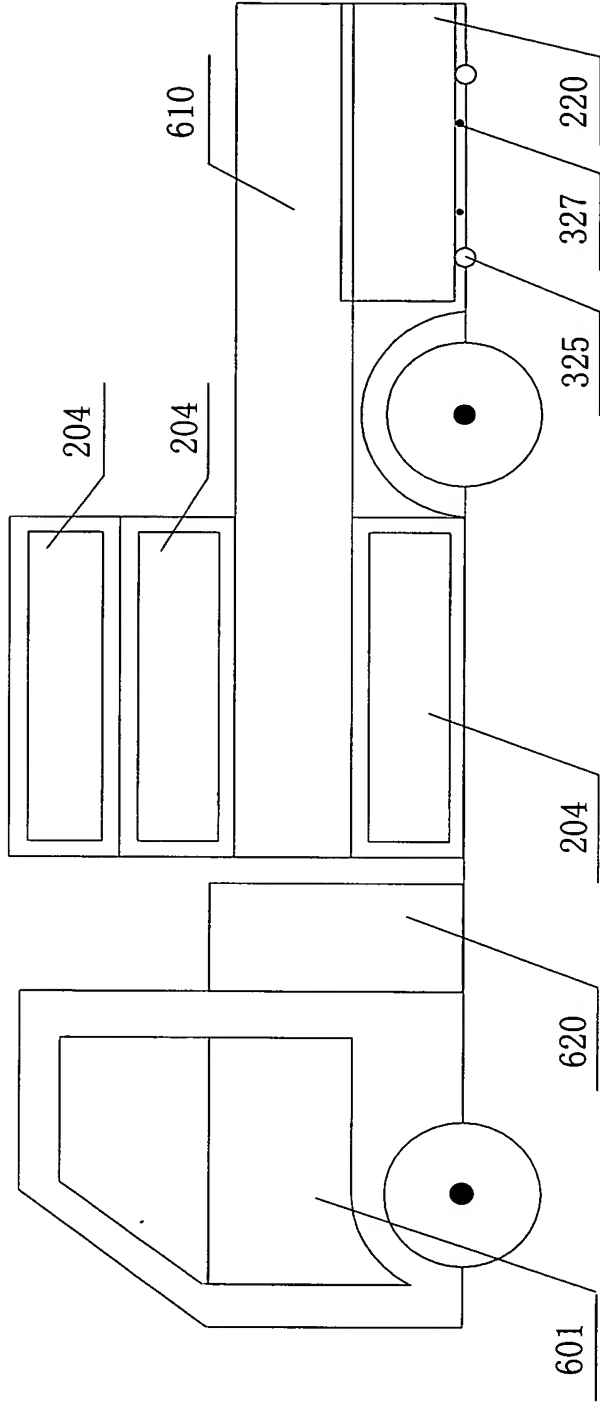


Fig. 8



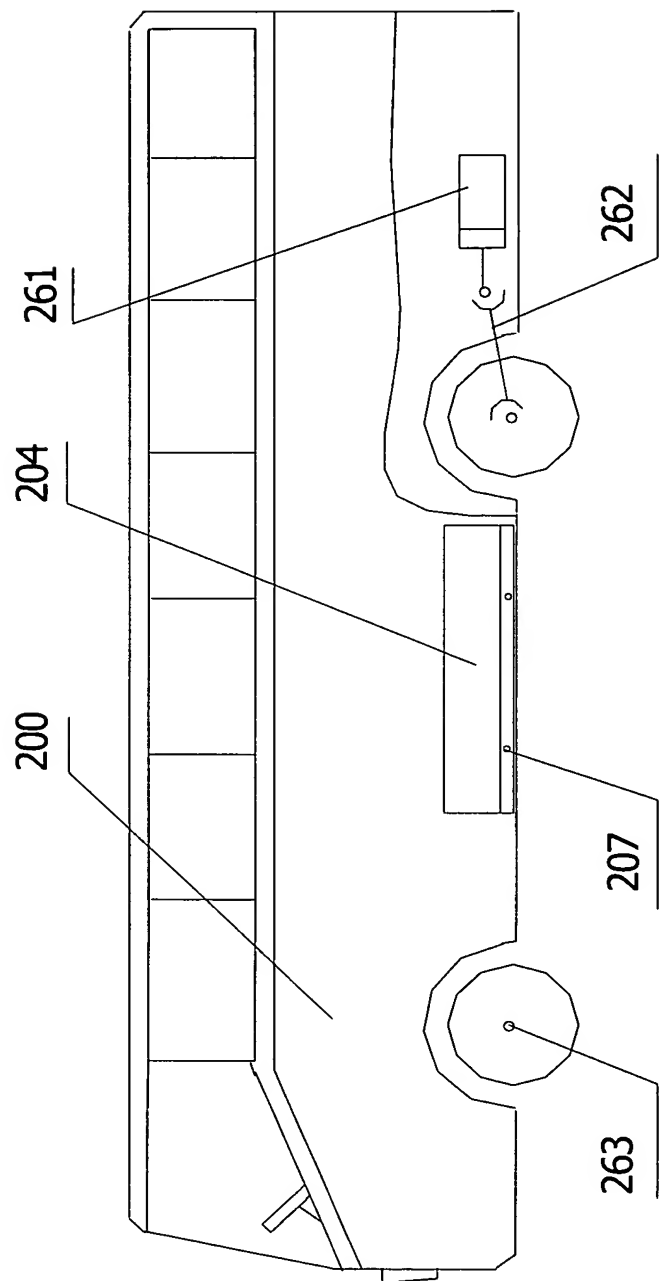


Fig. 9A

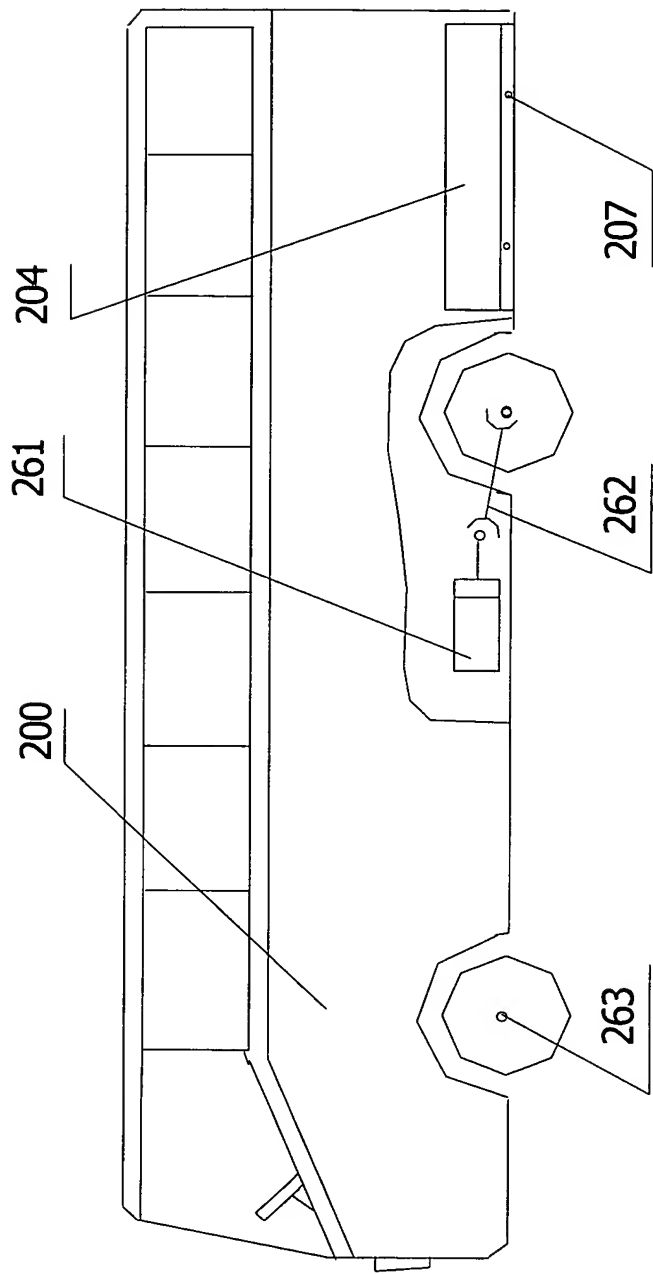


Fig. 9B

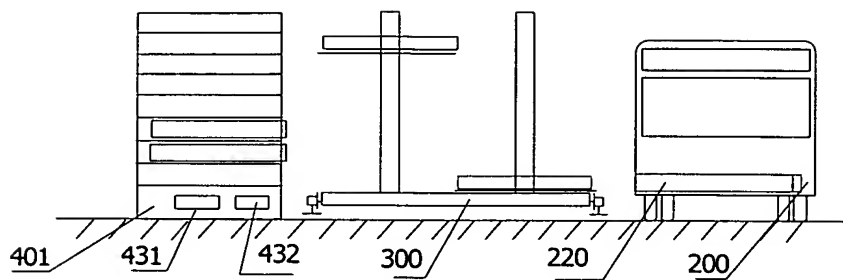


Fig. 10A

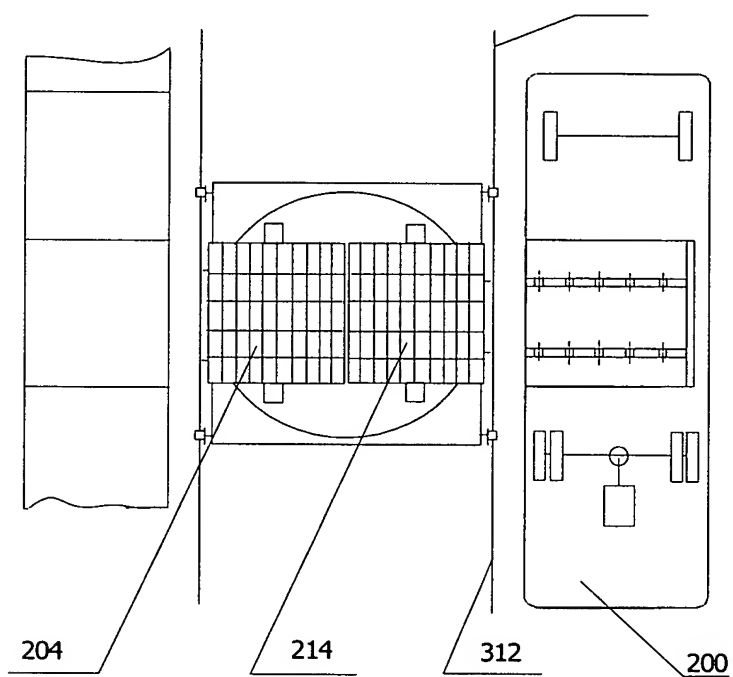


Fig. 10B

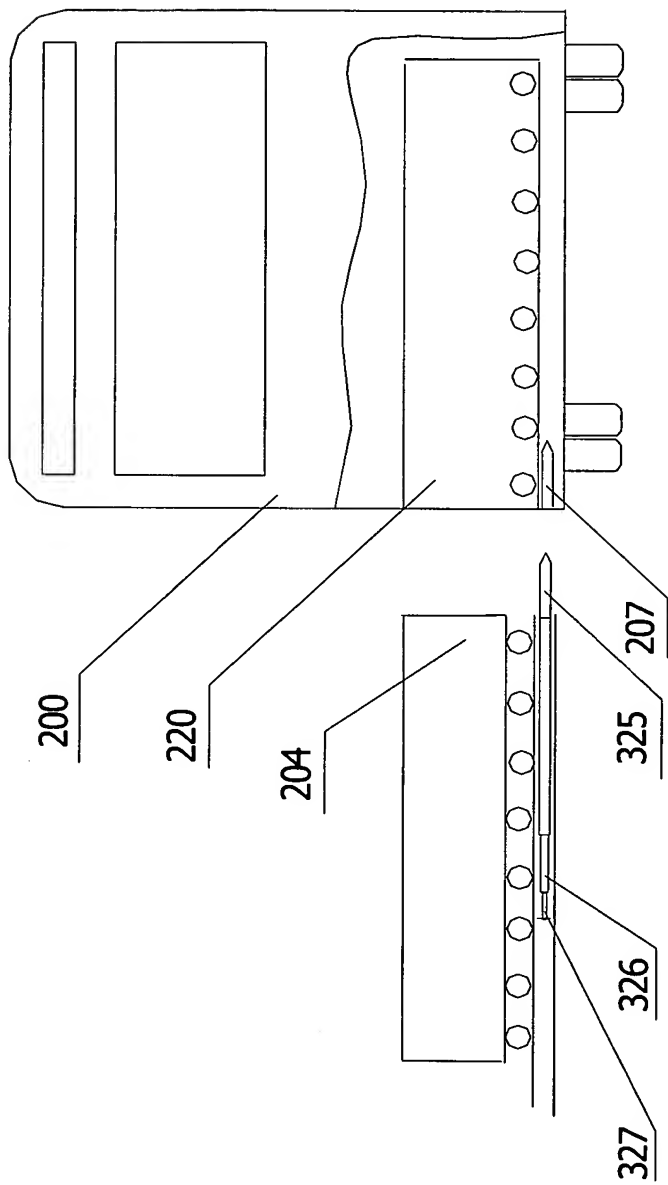
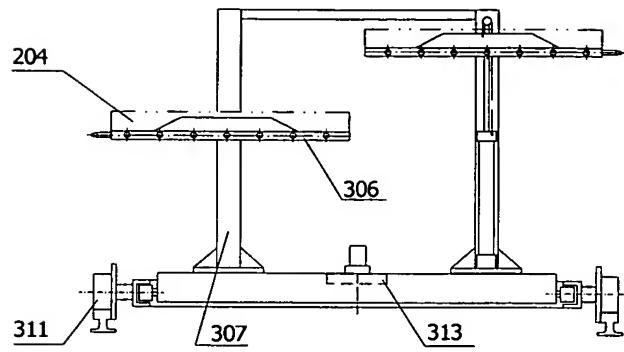
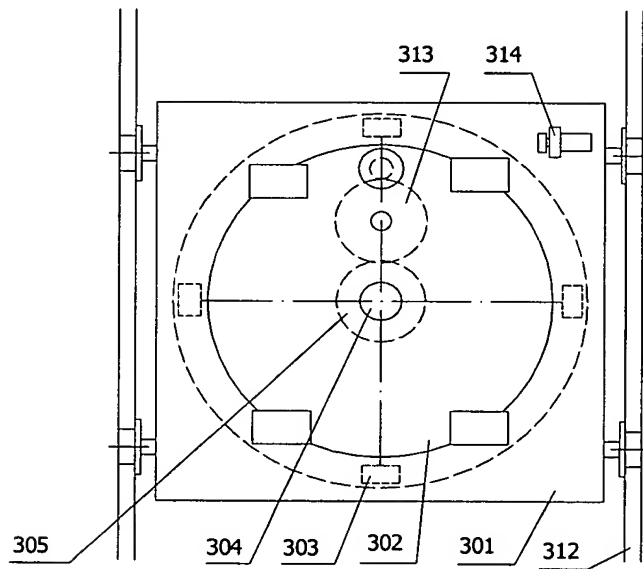


Fig. 11



Fi g 12A



Fi g 12B

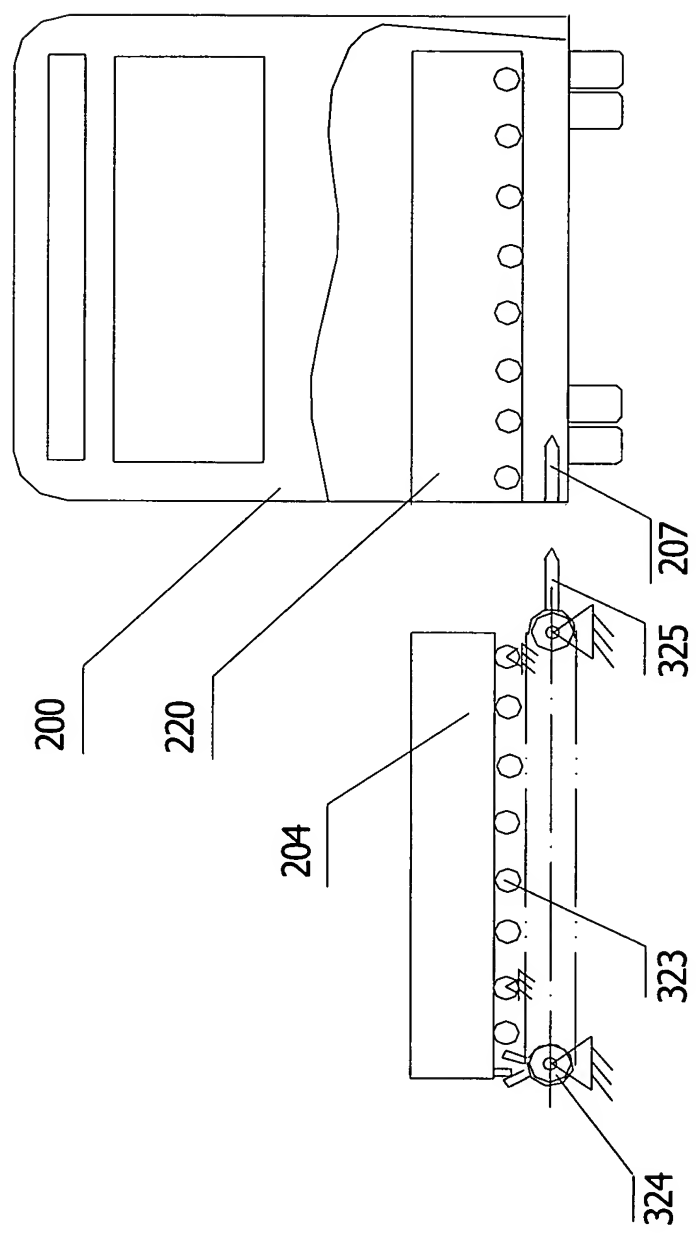


Fig. 13

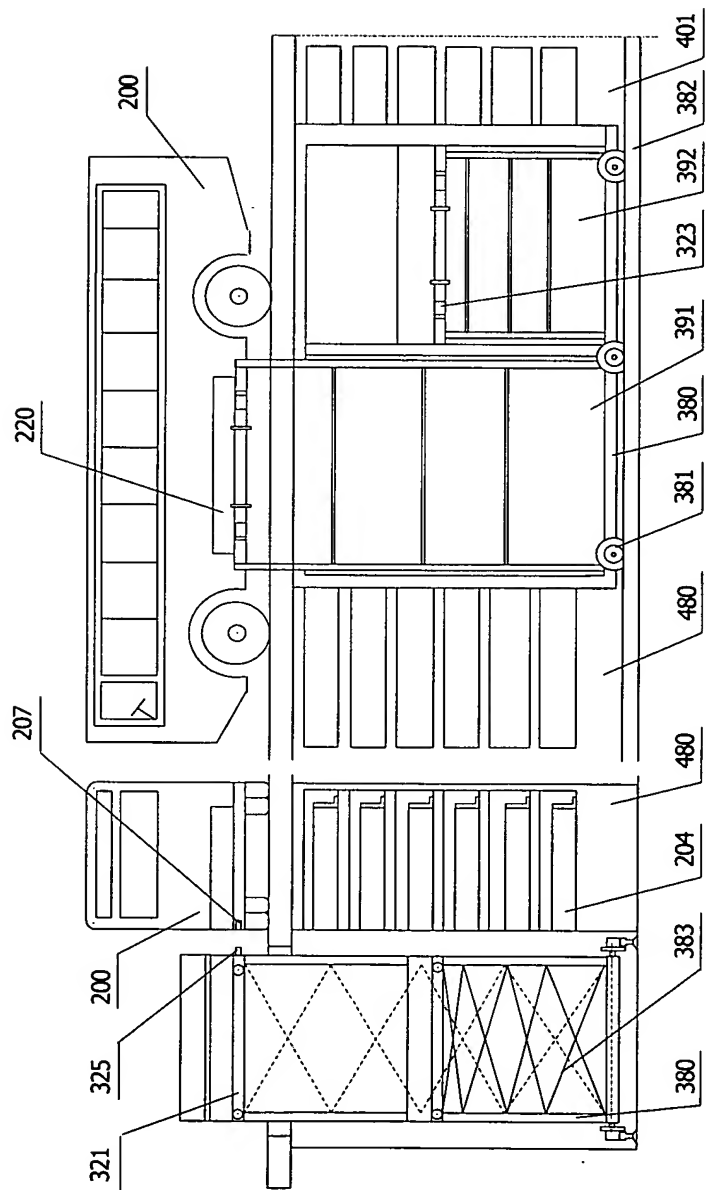
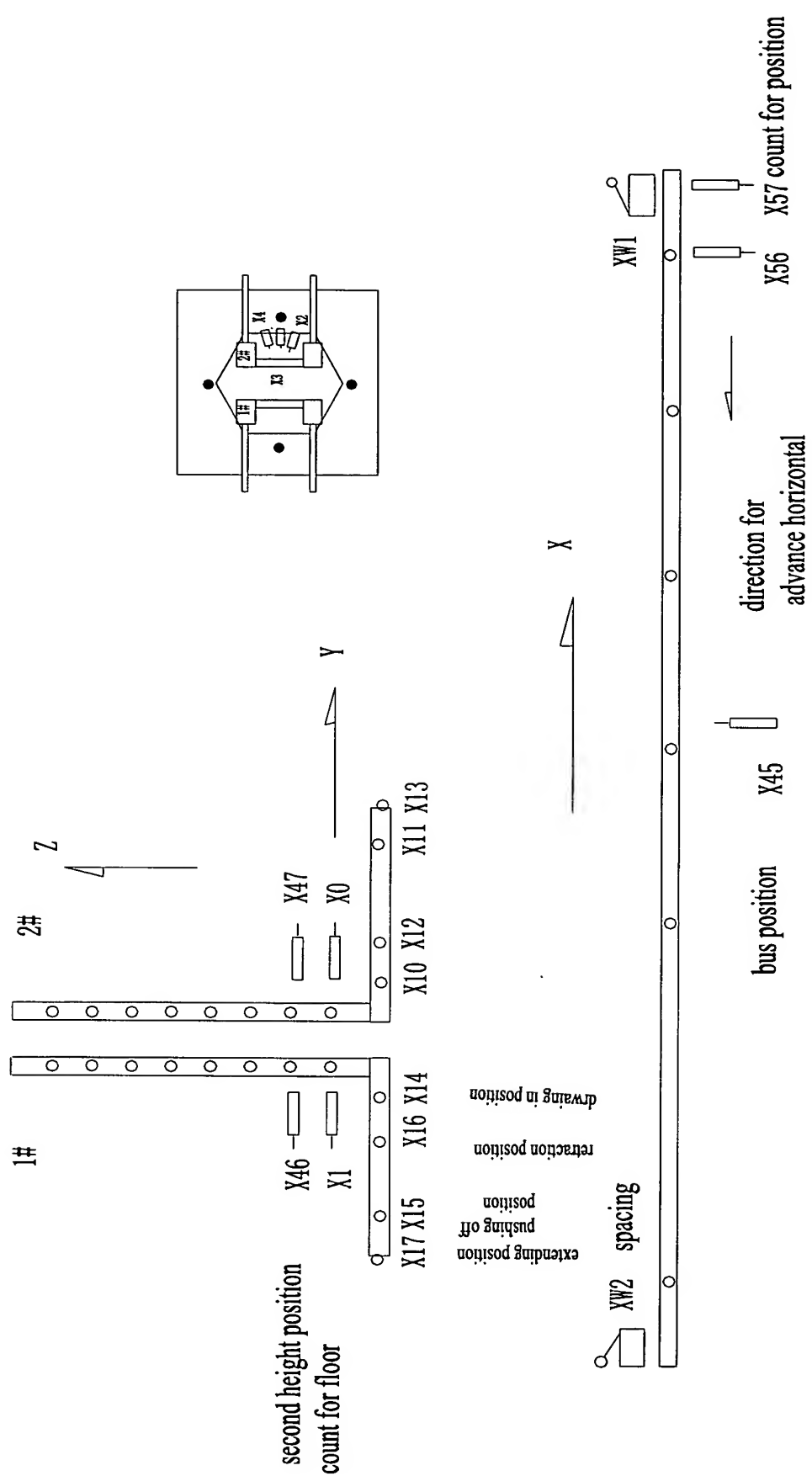


Fig. 14A

Fig. 14B



layout diagram of merchemical arms sensors (47 points)

Fig. 15



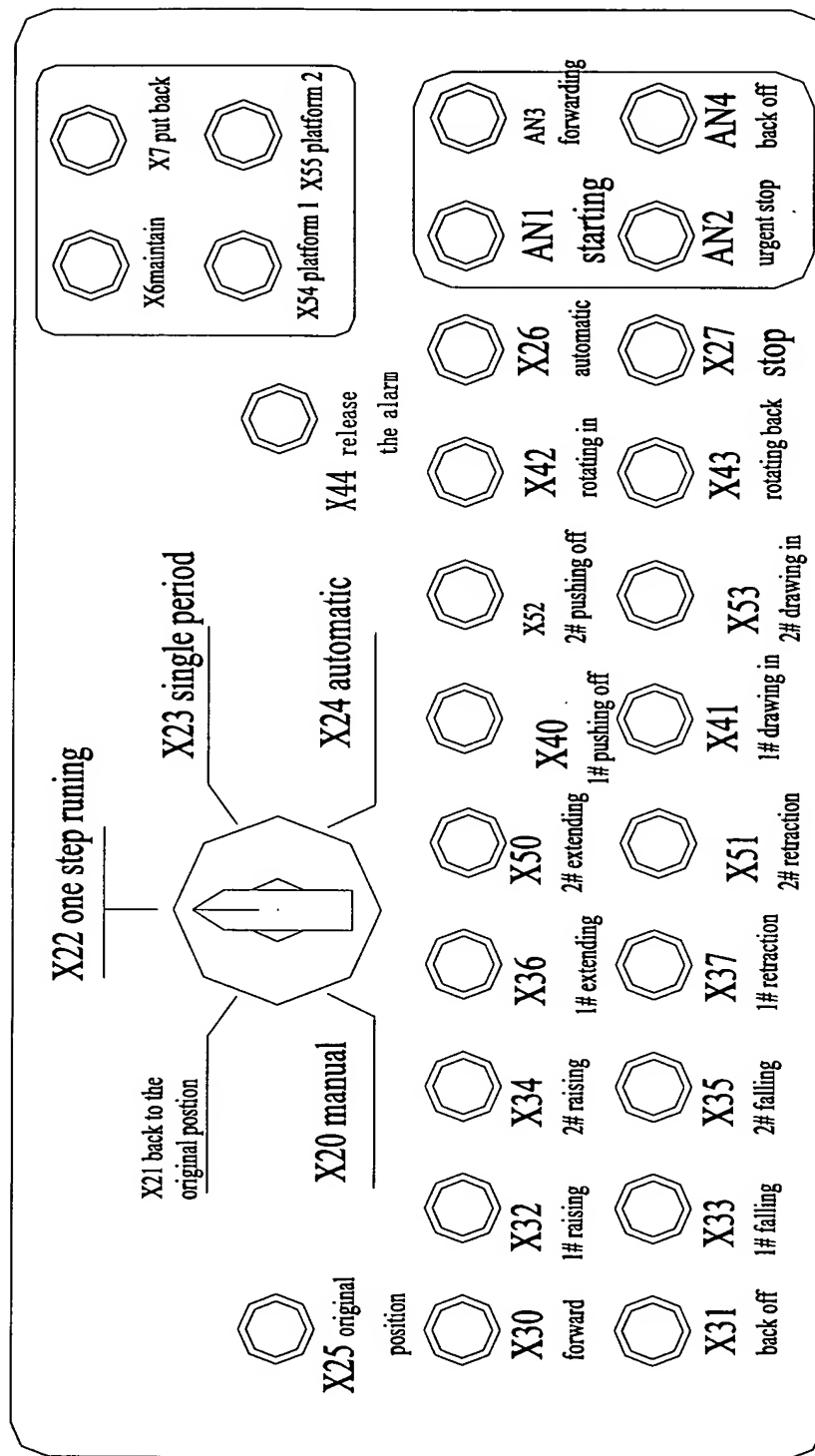


Fig. 16

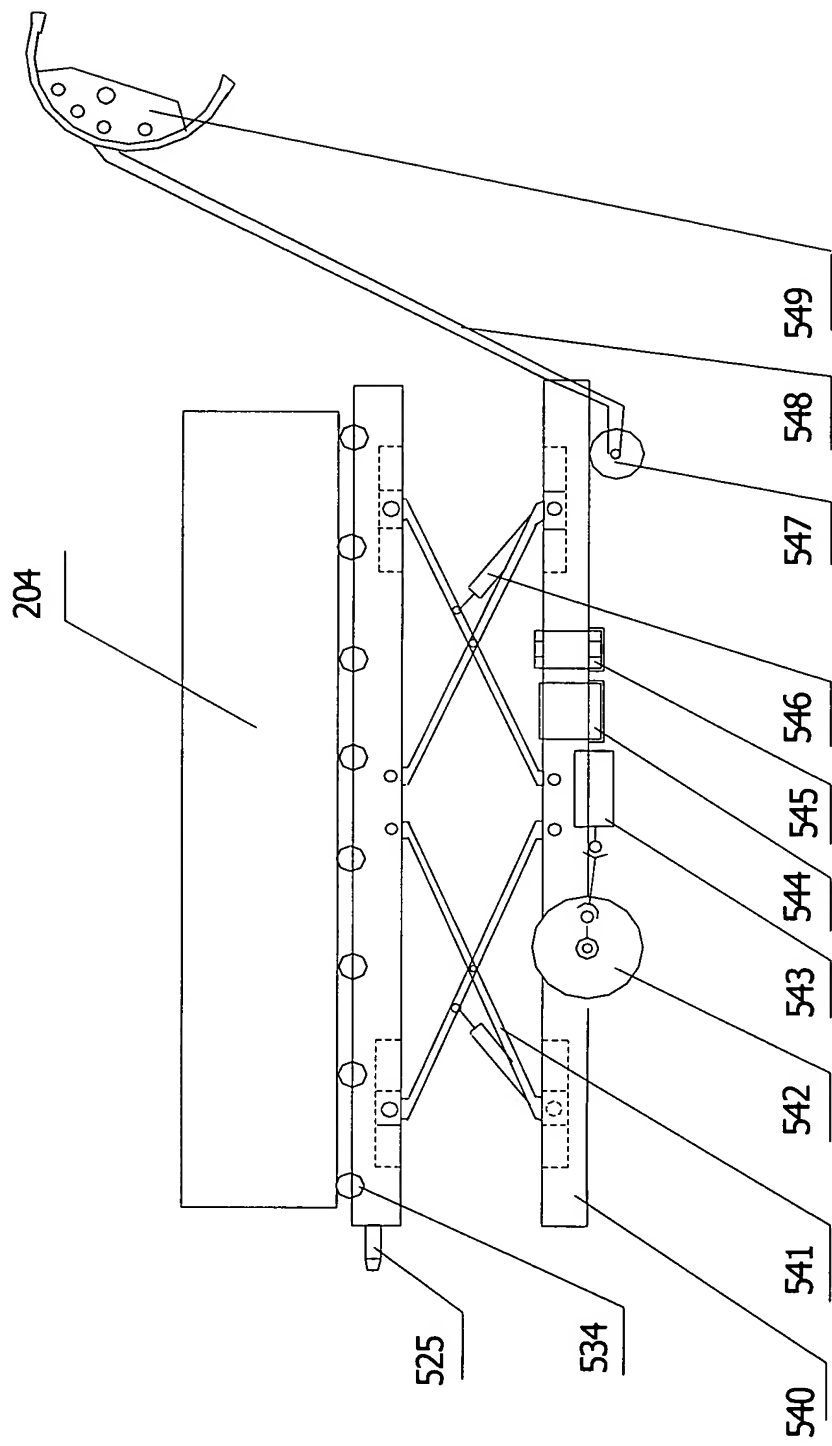
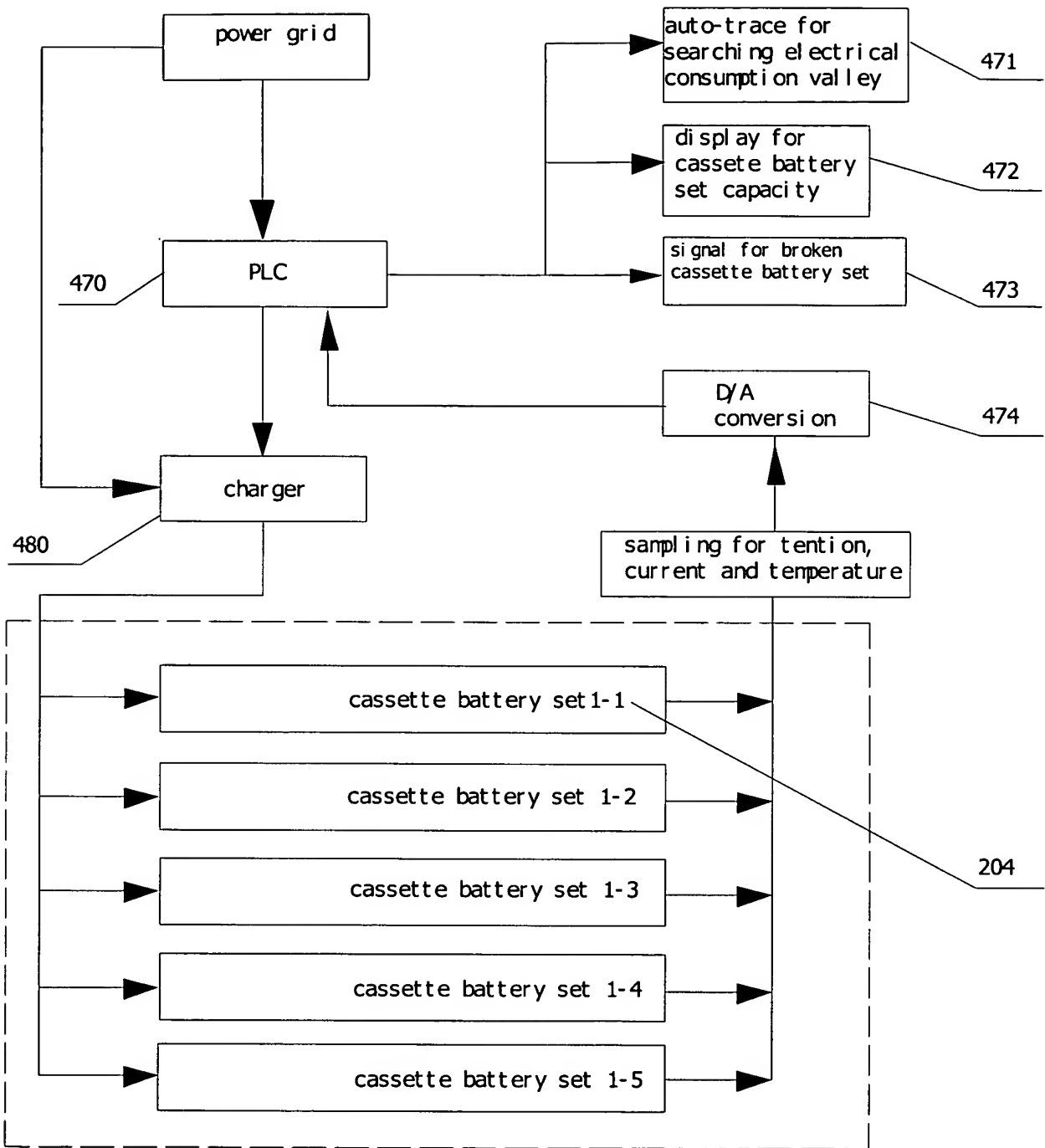


Fig. 17



Fi g. 18

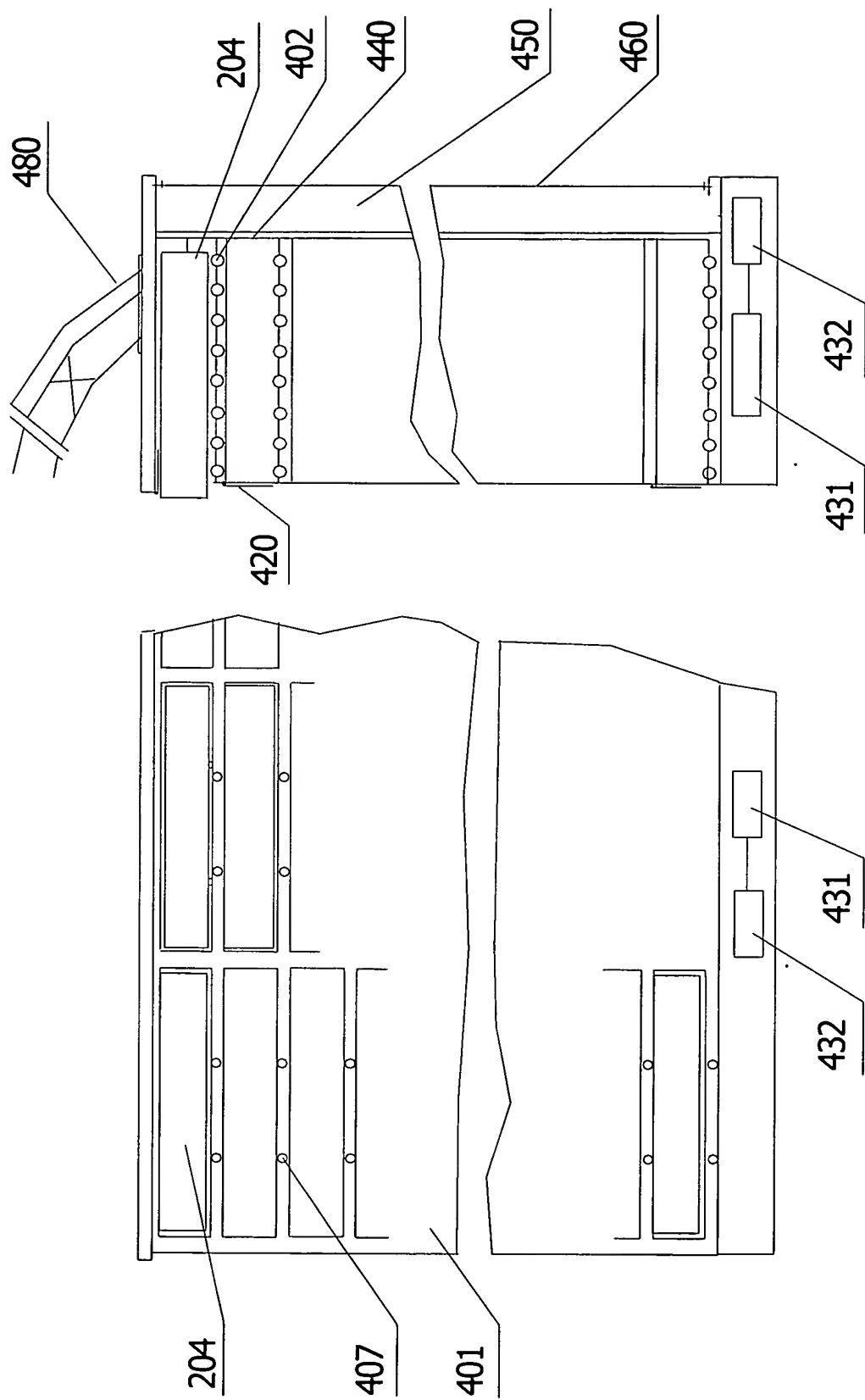


Fig. 19A

Fig. 19B

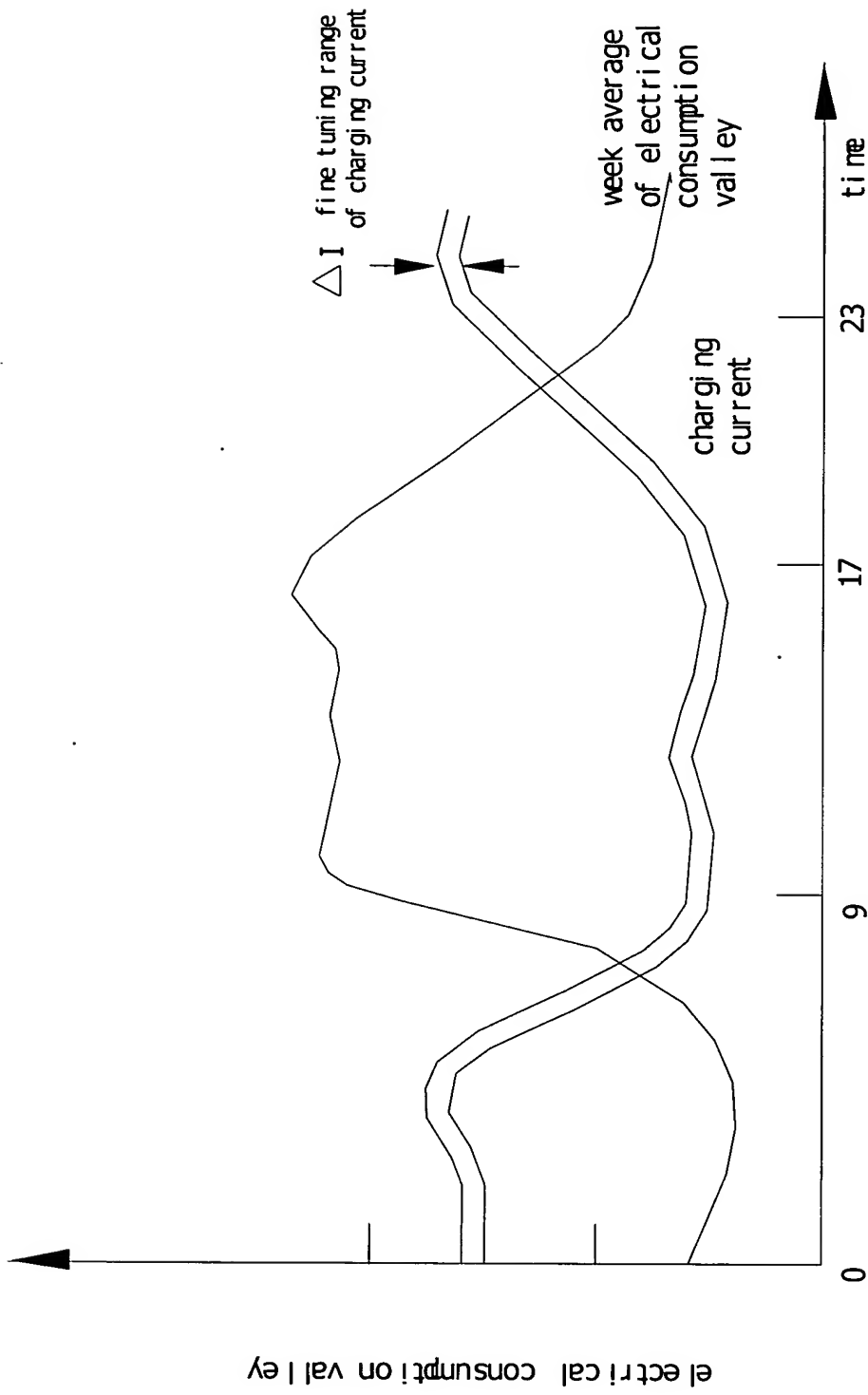


Fig. 20

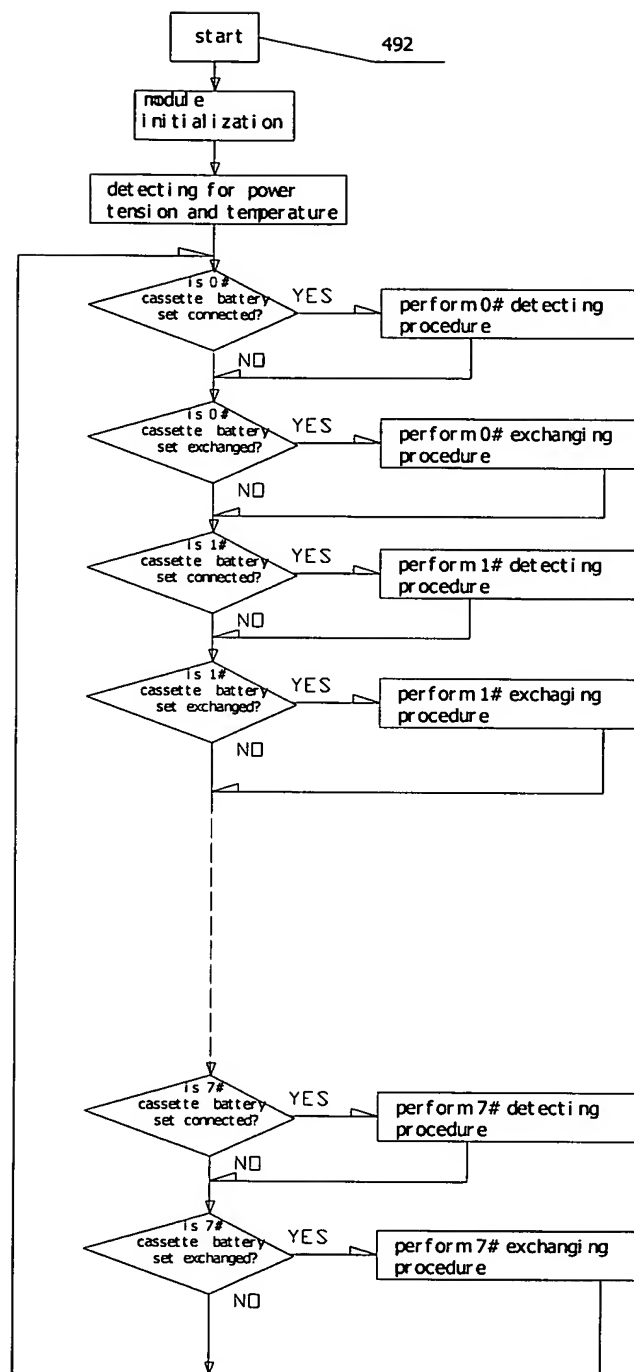


Fig. 21

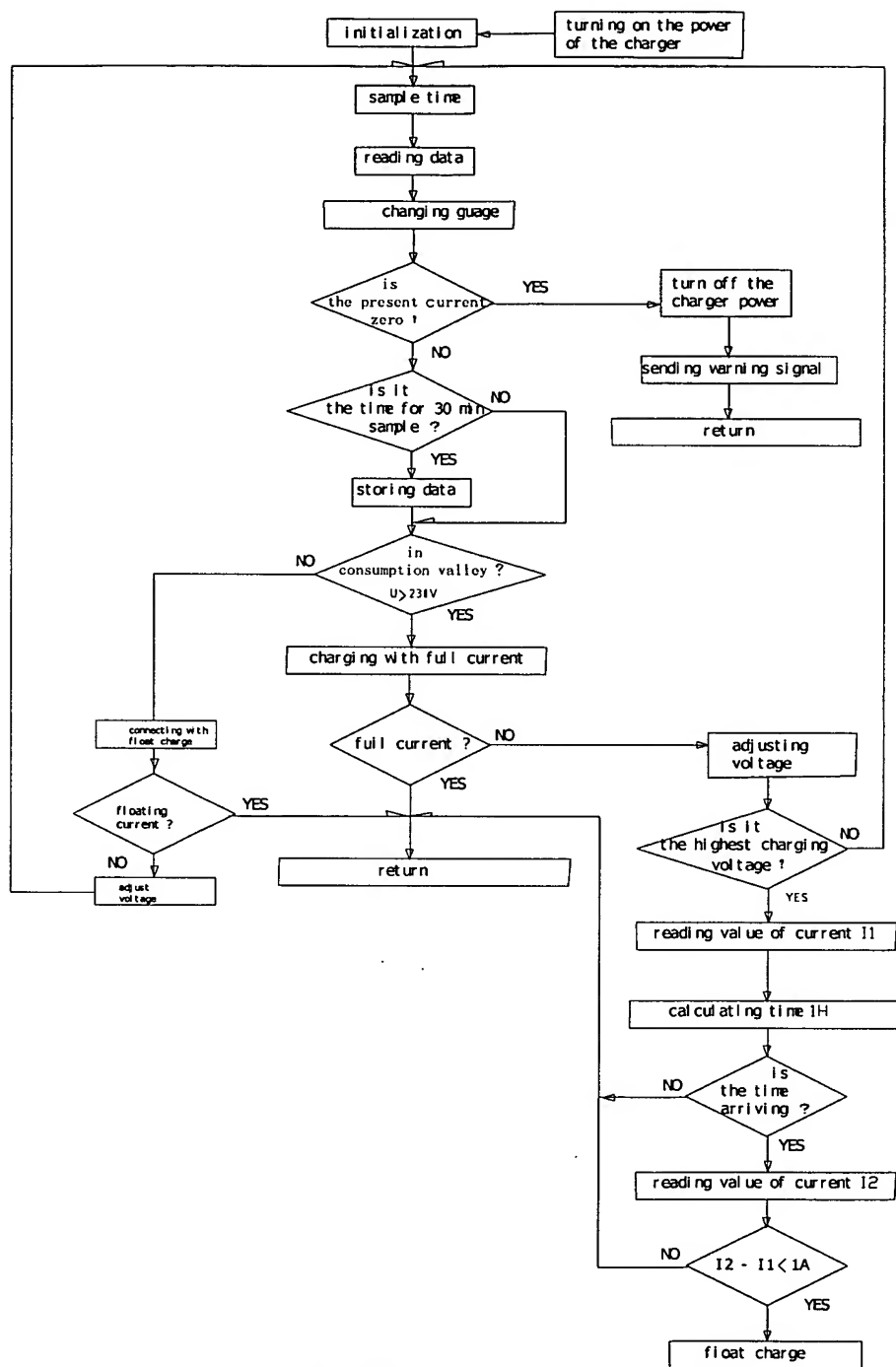


Fig. 22

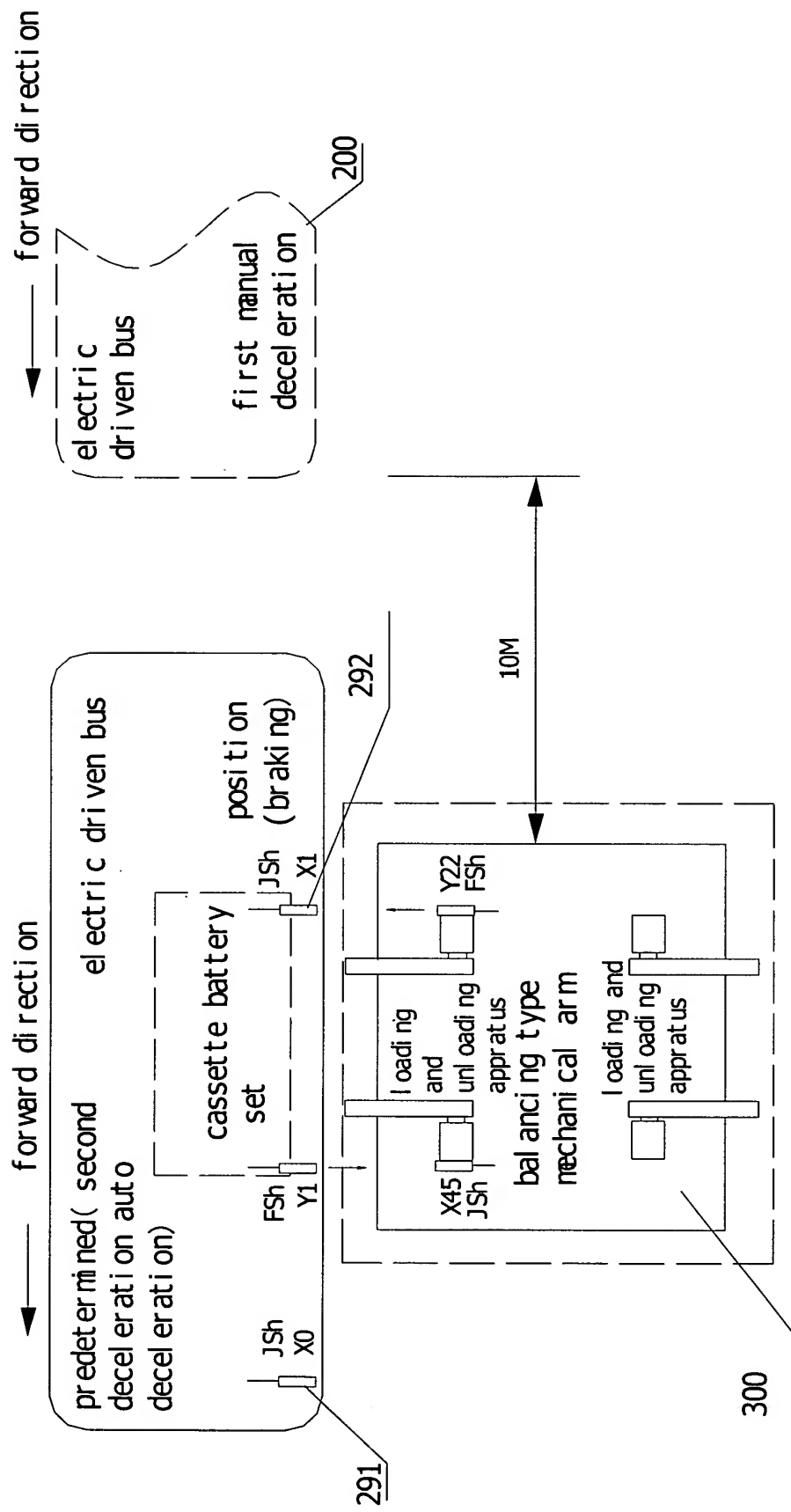


Fig. 23



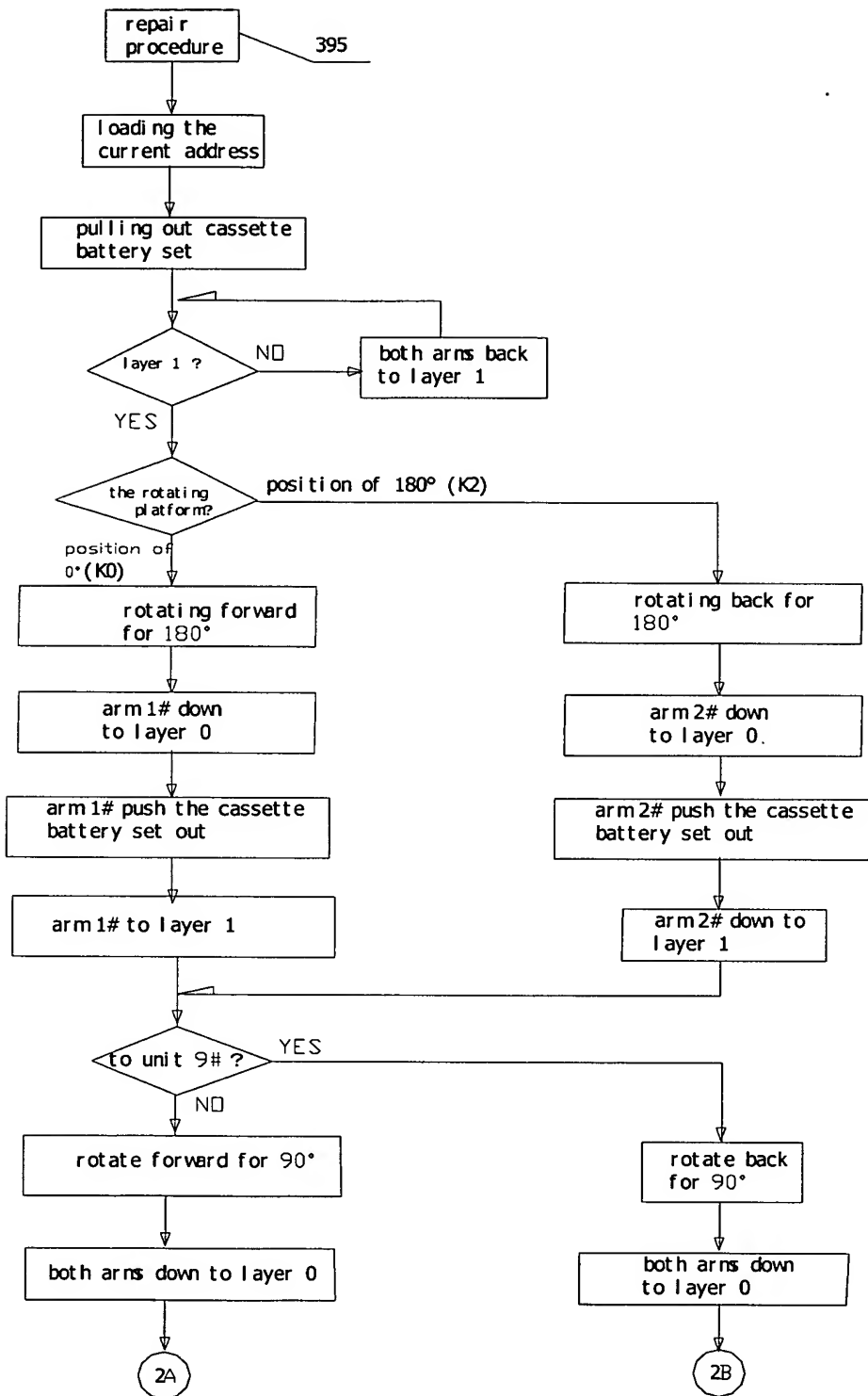


Fig. 24A

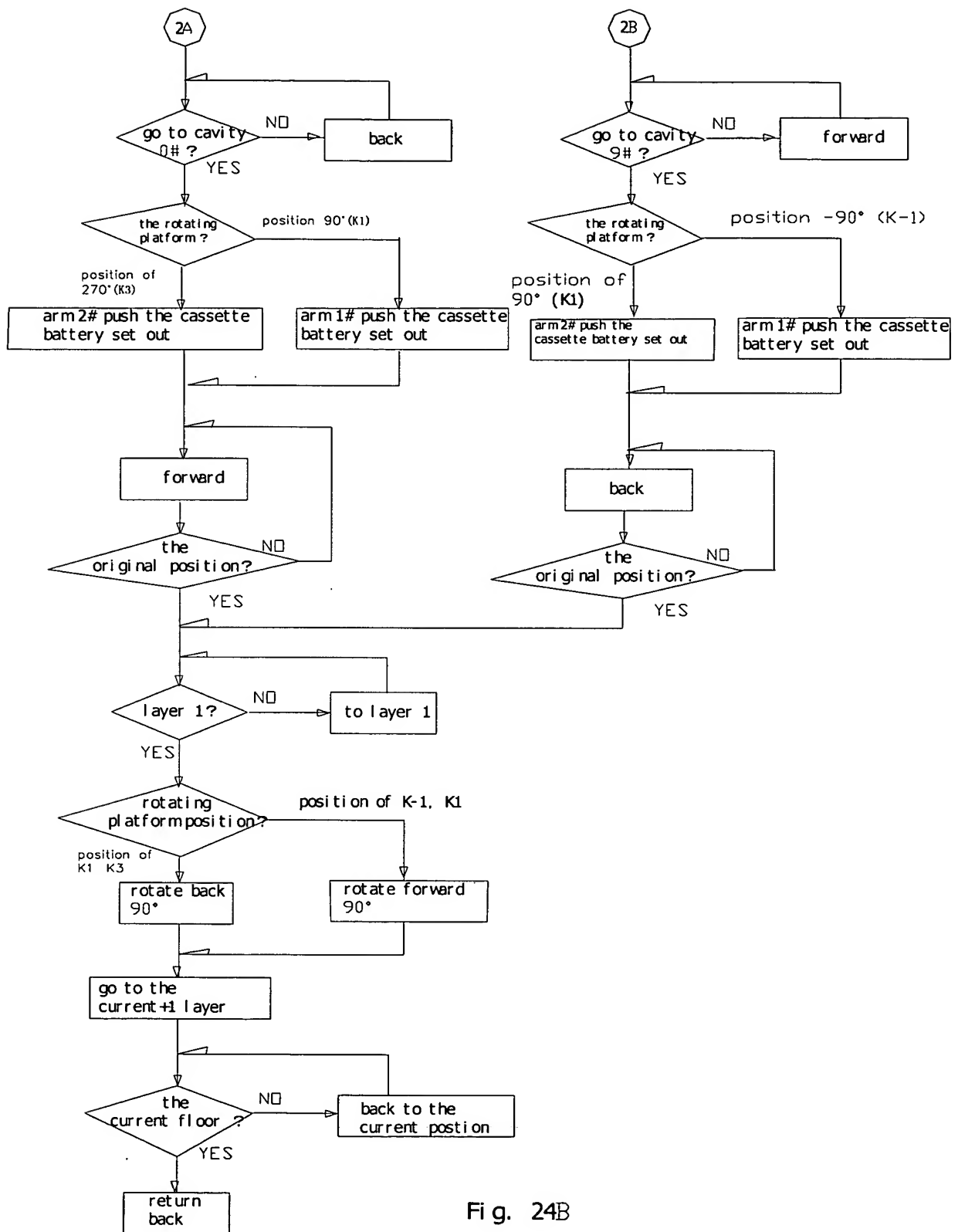


Fig. 24B

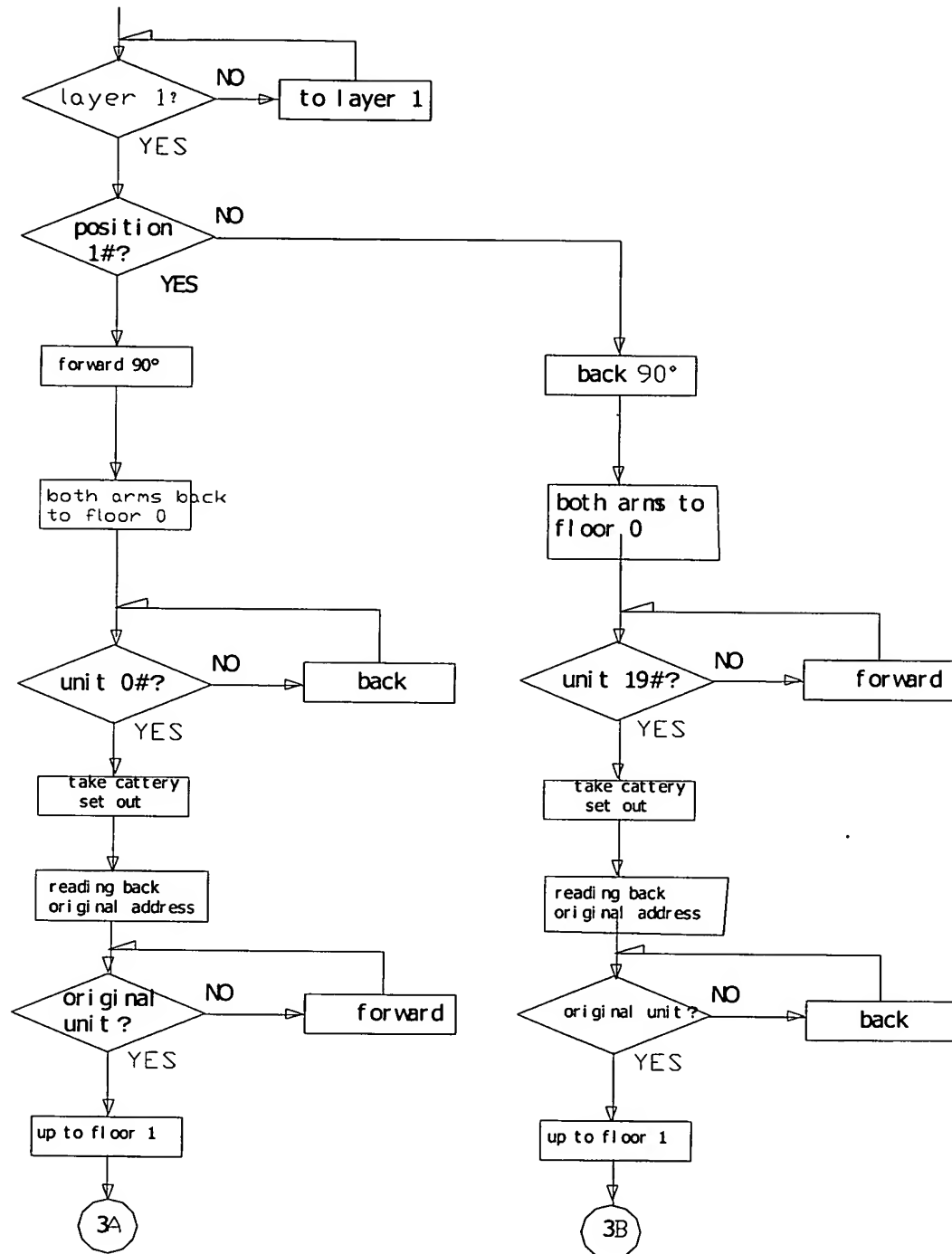


Fig. 25A

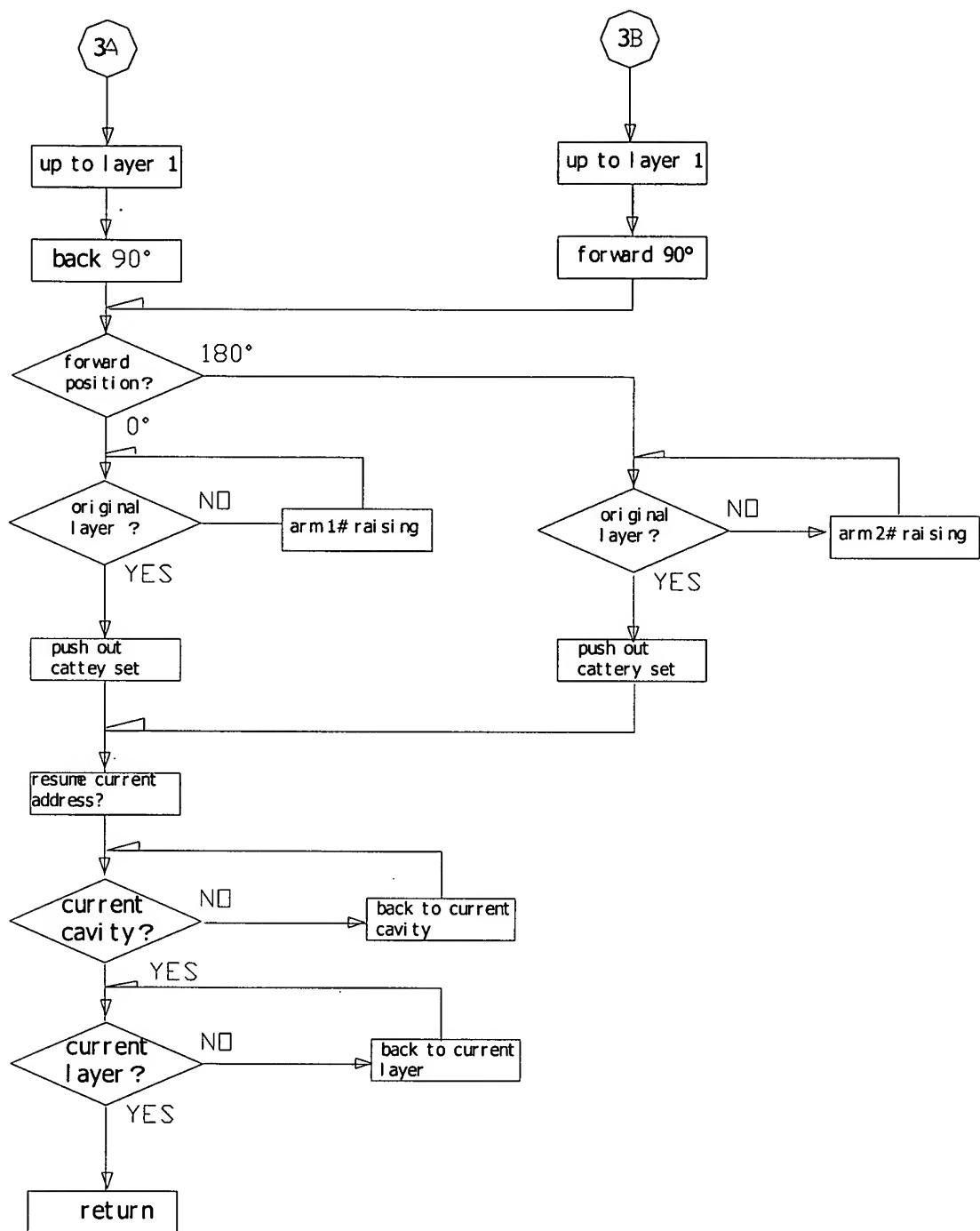


Fig. 25B

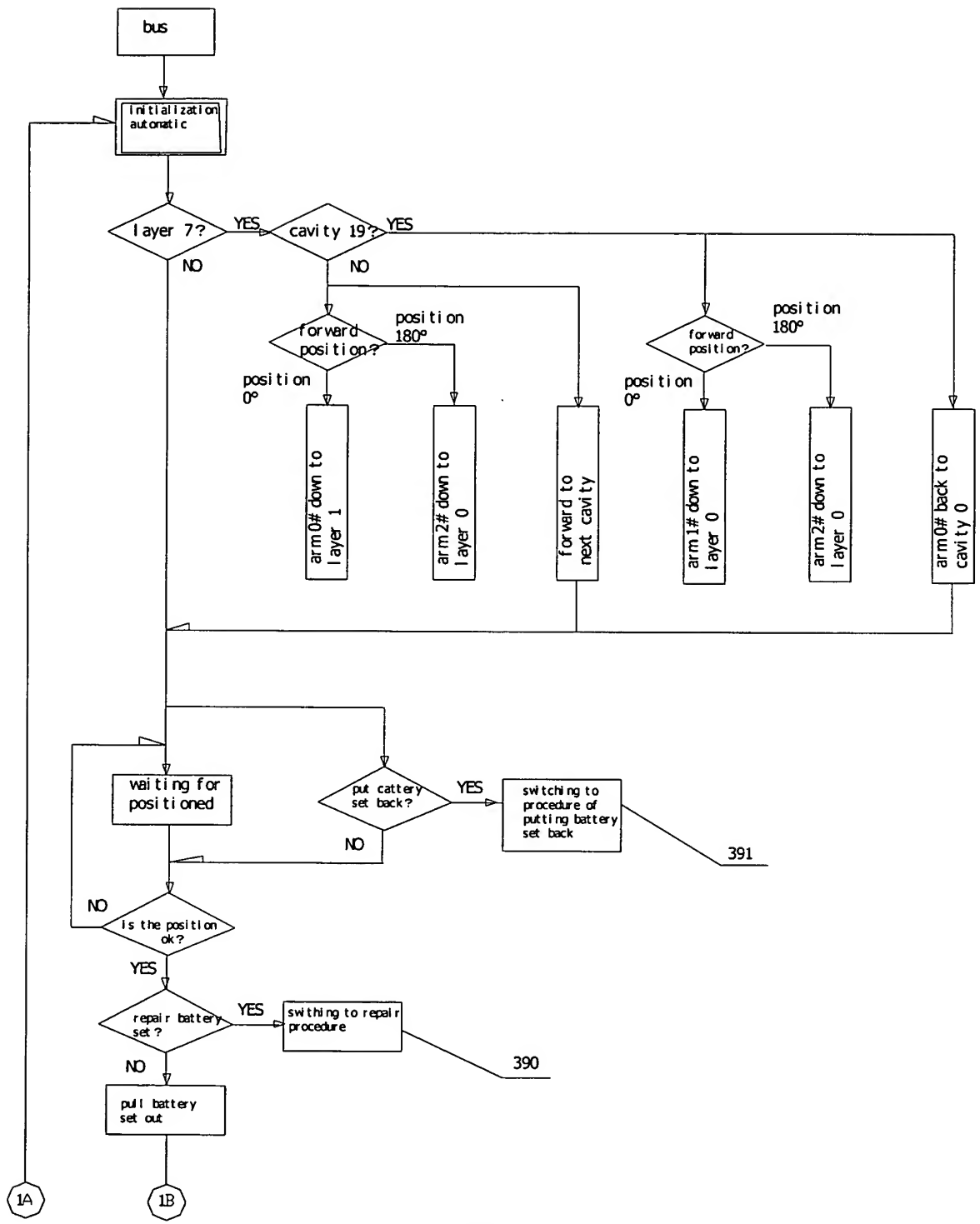


Fig 26A

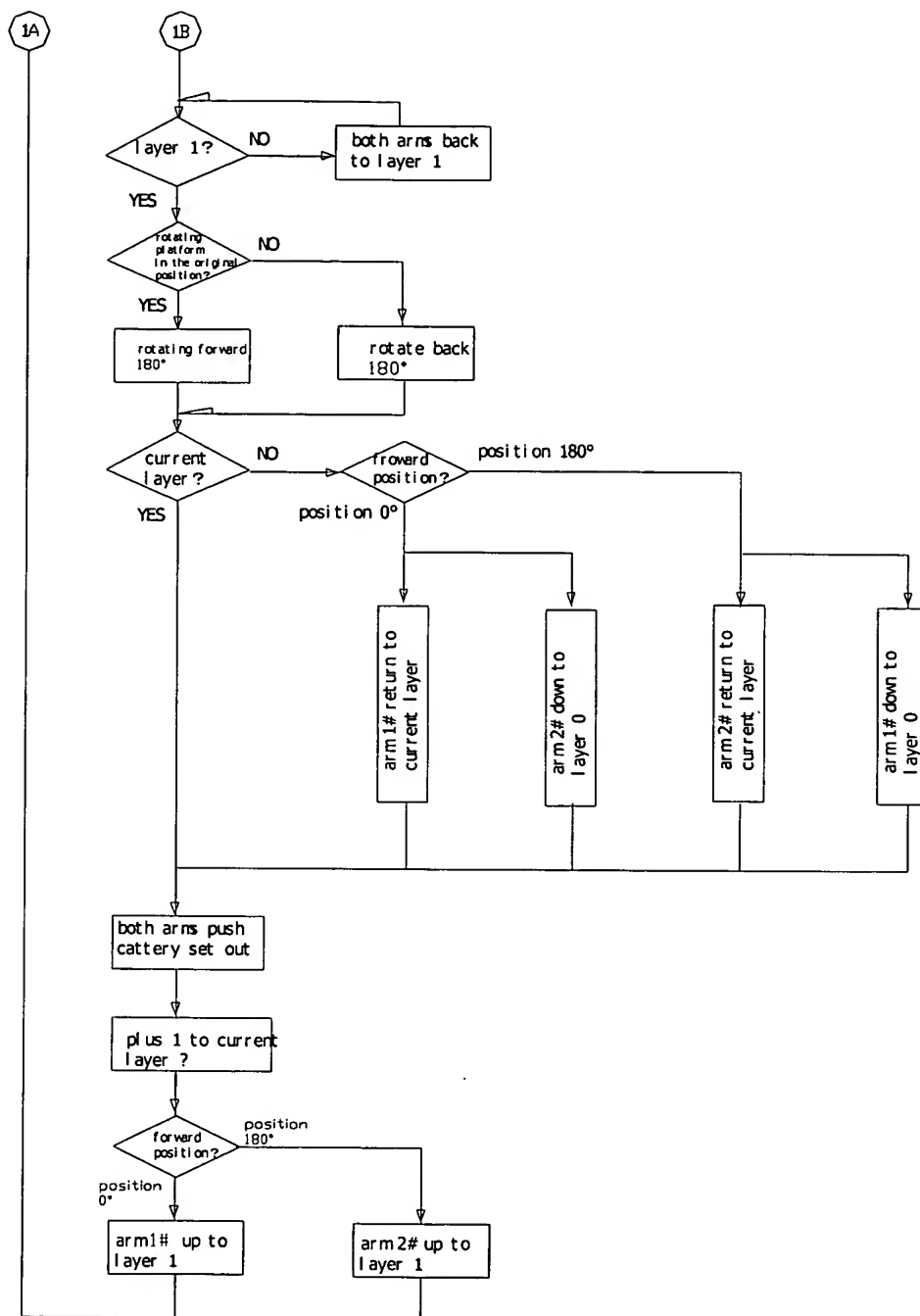


Fig. 26B

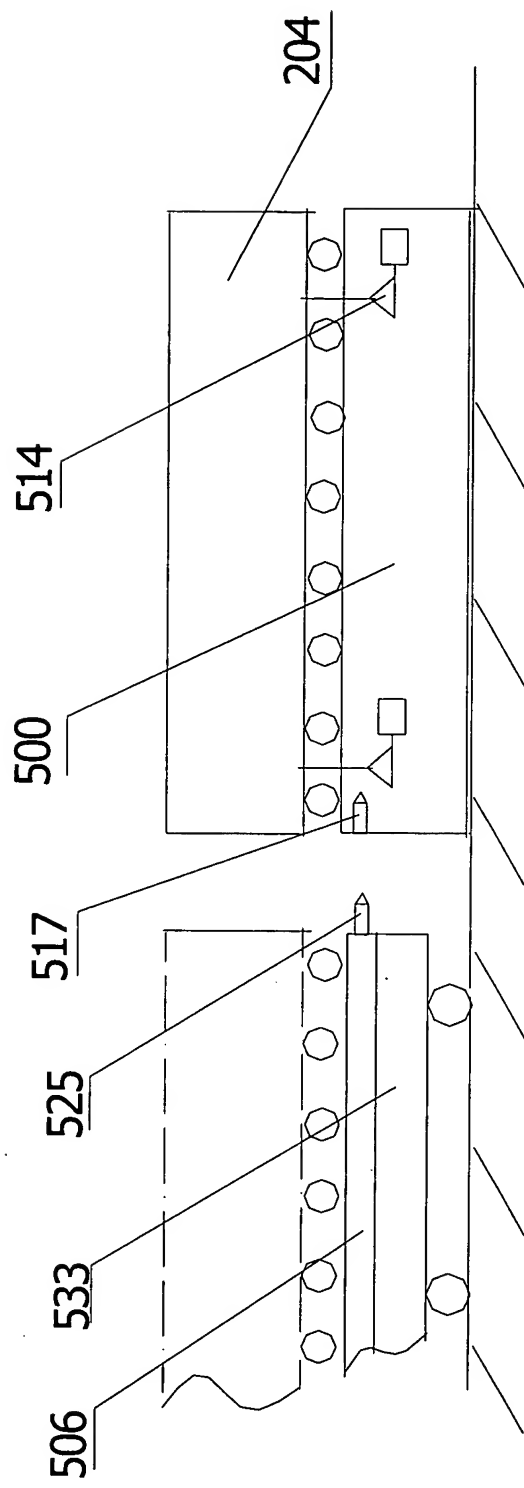


Fig. 27

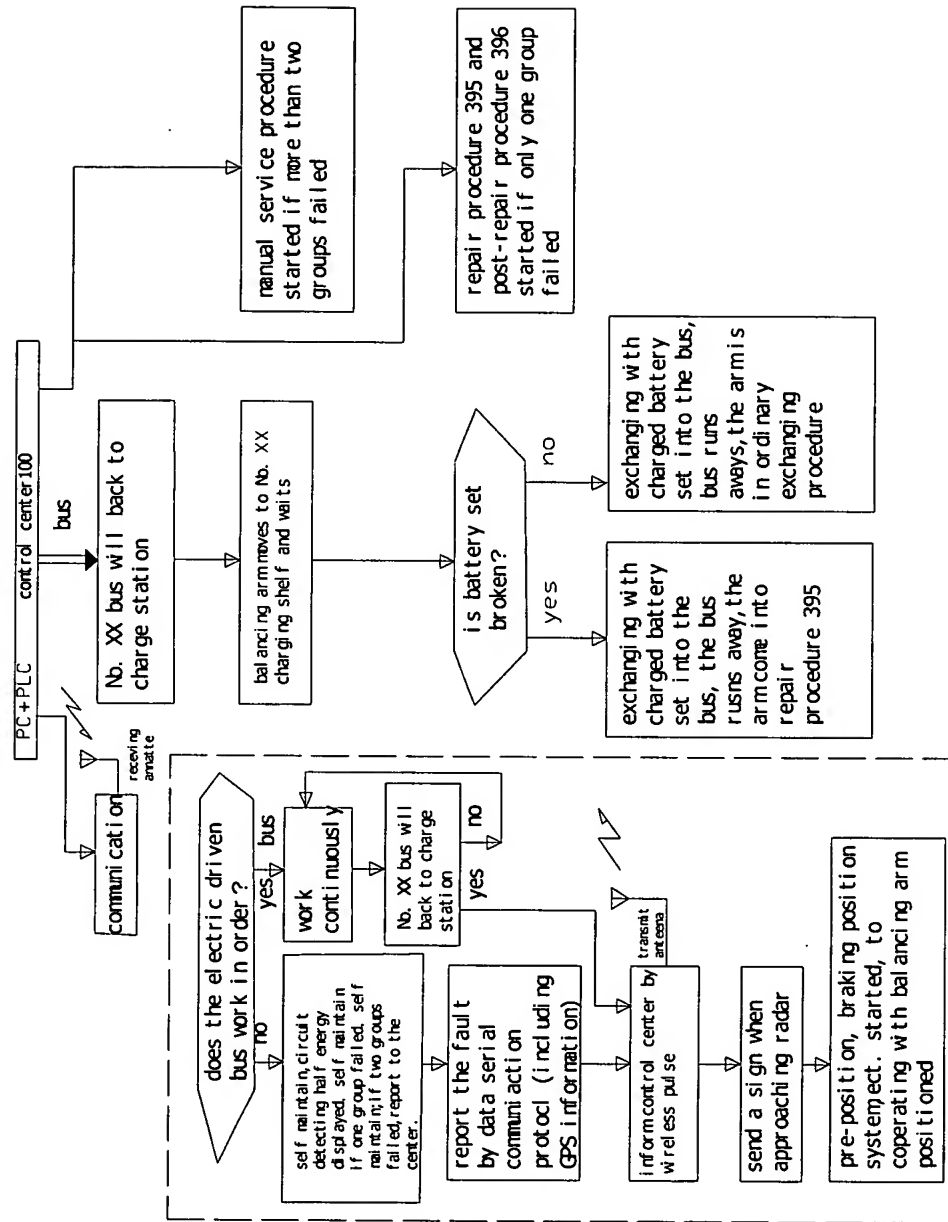


Fig. 28



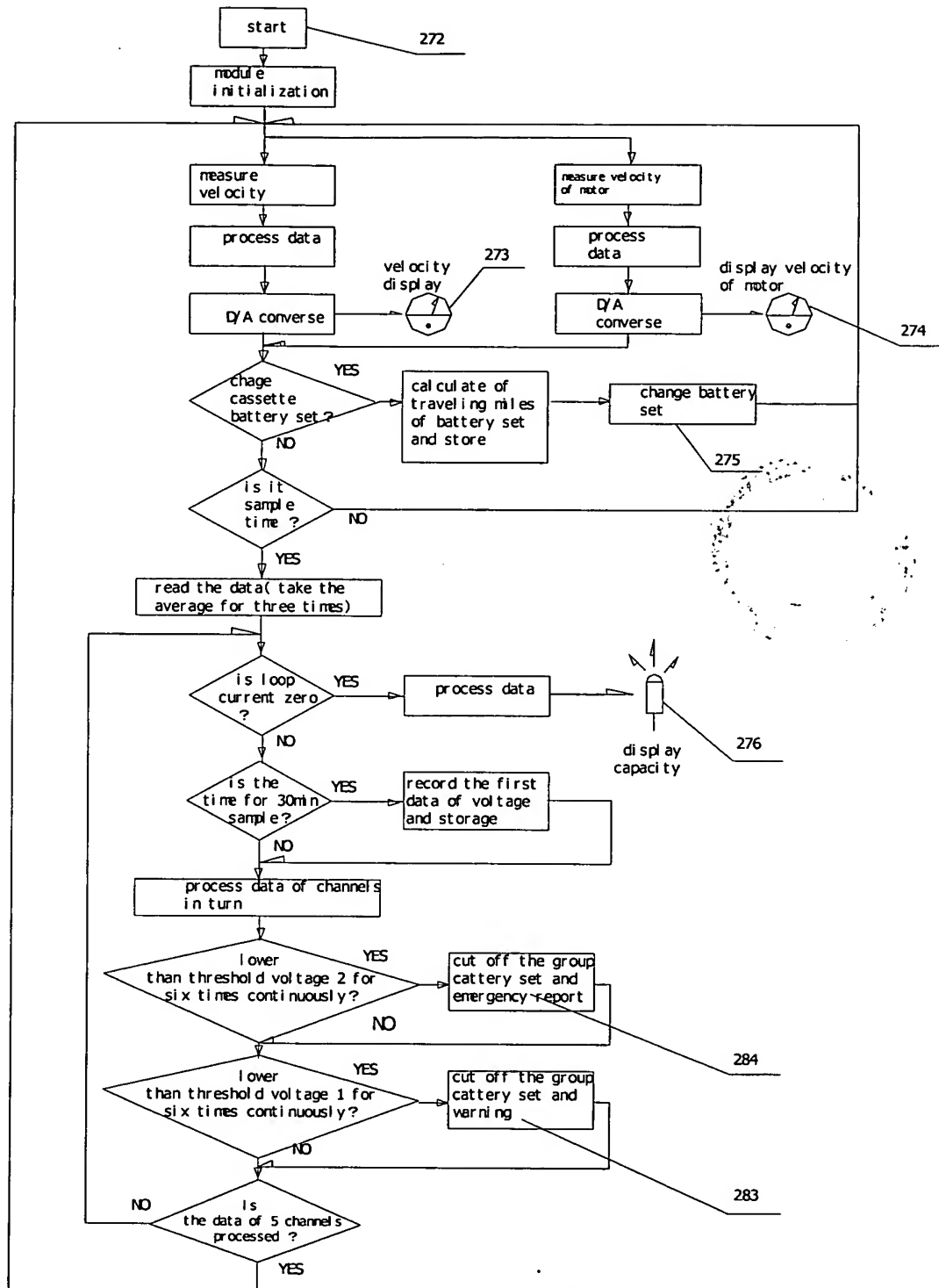


Fig. 29